

Land Owner:

*Ex. 6 - Personal Privacy*

Water Supply Lat/Long:

41.7325/-75.87811

Water Supply Depth:

Treatment (Y/N):

N

Gas Well Operator:

Gas Well:

GESFORD K. 3V/9V

Distance:

700 FT

				Sample Location	Sample Meduim	Source	Sample Date	Chloride (mg/L)	Nitrite (mg/L)	Nitrate as N (mg/L)	pH
Primary Maximum Contaminant Levels		a							1	10	
Secondary Maximum Contaminant Levels		b						250			6.5-8.5
Recommended Action Levels		c									
					Well	WSM (DEP)	12/16/2008	5.19	0.04	0.37	8.1
					Well	CABOT	1/13/2009	2.39			8.45
KITCHEN SINK				Kitchen Sink	Well	DEP	1/18/2009				
BURDICK CREEK (UPGRADIENT)				Burdick Creek	Surface Water	K&L	11/11/2010	<24.3			7.4
BURDICK CREEK (DOWNGRADIENT)				Burdick Creek	Surface Water	K&L	11/11/2010	<24.1			7.2
POND (NW END)				NW End Pond	Surface Water	K&L	11/11/2010	<17.1			6.4
WELL 1					Well	CABOT	8/9/2011				
WELL 1					Well	CABOT	9/15/2011				

Notes:

a - Maximum Contaminant Levels per E.P.A.'s National Primary Drinking Water Regulations. Safe Drinking Water Act (42 USC Chapter 6A Section 300f)

b - E.P.A. National Secondary Drinking Water Regulations are non-enforceable guidelines regarding contaminants that may cause cosmetic effects or aesthetic effects in drinking water.

c - Recommended action level from the Office of Surface Mining Reclamation and Enforcement - Appalachian Regional Coordinating Center, Pittsburgh, PA (September 2001)

Land Owner:

*Ex. 6 - Personal Privacy*

Water Supply Lat/Long:

41.7325/-75.87811

Water Supply Depth:

Treatment (Y/N):

N

Gas Well Operator:

Gas Well:

GESFORD K. 3V/9V

Distance:

700 FT

				Sample Location	Sample Meduim	Source	Sample Date	Sulfate (mg/L)	Sulfide (mg/L)	TDS (mg/L)	TSS (mg/L)
Primary Maximum Contaminant Levels											
Secondary Maximum Contaminant Levels								250		500	
Recommended Action Levels											
					Well	WSM (DEP)	12/16/2008	12.2		162	
					Well	CABOT	1/13/2009		<1	170	<2
KITCHEN SINK				Kitchen Sink	Well	DEP	1/18/2009				
BURDICK CREEK (UPGRADIENT)				Burdick Creek	Surface Water	K&L	11/11/2010			106	
BURDICK CREEK (DOWNGRADIENT)				Burdick Creek	Surface Water	K&L	11/11/2010			101	
POND (NW END)				NW End Pond	Surface Water	K&L	11/11/2010			72	
WELL 1					Well	CABOT	8/9/2011				
WELL 1					Well	CABOT	9/15/2011				

Notes:

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b - E.P.A. National Secondary Drinking Water Regulations are non-enforceable guidelines regarding contaminants that may cause co

c - Recommended action level from the Office of Surface Mining Reclamation and Enforcement - Appalachian Regional Coordinating

Land Owner:

*Ex. 6 - Personal Privacy*

Water Supply Lat/Long:

41.7325/-75.87811

Water Supply Depth:

Treatment (Y/N):

N

Gas Well Operator:

Gas Well:

GESFORD K. 3V/9V

Distance:

700 FT

				Sample Location	Sample Meduim	Source	Sample Date	Turbidity (ntu)	Total Coliform (cfu/ 100mL)	Fecal Coliform (cfu/ 100 mL)	Aluminum (mg/L)
Primary Maximum Contaminant Levels		a							0	0	
Secondary Maximum Contaminant Levels		b									0.05-0.2
Recommended Action Levels		c									
					Well	WSM (DEP)	12/16/2008	2.23 ntu			
					Well	CABOT	1/13/2009		<1	<1	<0.1
KITCHEN SINK				Kitchen Sink	Well	DEP	1/18/2009				
BURDICK CREEK (UPGRADIENT)				Burdick Creek	Surface Water	K&L	11/11/2010				<0.0247
BURDICK CREEK (DOWNGRADIENT)				Burdick Creek	Surface Water	K&L	11/11/2010				<0.0282
POND (NW END)				NW End Pond	Surface Water	K&L	11/11/2010				0.171
WELL 1					Well	CABOT	8/9/2011				
WELL 1					Well	CABOT	9/15/2011				

Notes:

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Land Owner:

*Ex. 6 - Personal Privacy*

Water Supply Lat/Long:

41.7325/-75.87811

Water Supply Depth:

Treatment (Y/N):

N

Gas Well Operator:

Gas Well:

GESFORD K. 3V/9V

Distance:

700 FT

				Sample Location	Sample Meduim	Source	Sample Date	Aluminum (SAC 942) (mg/L)	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)
Primary Maximum Contaminant Levels			a						0.006	0.01	2
Secondary Maximum Contaminant Levels			b					0.05-0.2			
Recommended Action Levels			c								
					Well	WSM (DEP)	12/16/2008	<0.010	<0.002	<0.003	0.196
					Well	CABOT	1/13/2009				0.219
KITCHEN SINK				Kitchen Sink	Well	DEP	1/18/2009				
BURDICK CREEK (UPGRADIENT)				Burdick Creek	Surface Water	K&L	11/11/2010		<0.000056	<0.00042	0.0257
BURDICK CREEK (DOWNGRADIENT)				Burdick Creek	Surface Water	K&L	11/11/2010		<0.000058	<0.00093	0.0266
POND (NW END)				NW End Pond	Surface Water	K&L	11/11/2010		<0.00011	<0.00077	0.0472
WELL 1					Well	CABOT	8/9/2011				
WELL 1					Well	CABOT	9/15/2011				

Notes:

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Land Owner:

*Ex. 6 - Personal Privacy*

Water Supply Lat/Long:

41.7325/-75.87811

Water Supply Depth:

Treatment (Y/N):

N

Gas Well Operator:

Gas Well:

GESFORD K. 3V/9V

Distance:

700 FT

				Sample Location	Sample Meduim	Source	Sample Date	Beryllium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Copper (mg/L)
Primary Maximum Contaminant Levels		a						0.004	0.005	0.1	1.3
Secondary Maximum Contaminant Levels		b									
Recommended Action Levels		c									
					Well	WSM (DEP)	12/16/2008	<0.001	<0.0002	<0.004	0.0256
					Well	CABOT	1/13/2009				
KITCHEN SINK				Kitchen Sink	Well	DEP	1/18/2009				
BURDICK CREEK (UPGRADIENT)				Burdick Creek	Surface Water	K&L	11/11/2010	<0.001	<0.001	0.0031	<0.00059
BURDICK CREEK (DOWNGRADIENT)				Burdick Creek	Surface Water	K&L	11/11/2010	<0.001	<0.001	0.0032	0.00064
POND (NW END)				NW End Pond	Surface Water	K&L	11/11/2010	<0.001	<0.001	0.0035	0.0017
WELL 1					Well	CABOT	8/9/2011				
WELL 1					Well	CABOT	9/15/2011				

Notes:

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b - E.P.A. National Secondary Drinking Water Regulations are non-enforceable guidelines regarding contaminants that may cause co

c - Recommended action level from the Office of Surface Mining Reclamation and Enforcement - Appalachian Regional Coordinating

Land Owner:

*Ex. 6 - Personal Privacy*

Water Supply Lat/Long:

41.7325/-75.87811

Water Supply Depth:

Treatment (Y/N):

N

Gas Well Operator:

Gas Well:

GESFORD K. 3V/9V

Distance:

700 FT

				Sample Location	Sample Meduim	Source	Sample Date	Iron (mg/L)	Magnesium (mg/L)	Manganese (mg/L)	Mercury (mg/L)
Primary Maximum Contaminant Levels		a									0.002
Secondary Maximum Contaminant Levels		b						0.3		0.05	
Recommended Action Levels		c									
					Well	WSM (DEP)	12/16/2008	0.772	5.7	0.018	<0.0002
					Well	CABOT	1/13/2009	4.02	6.09	0.035	
KITCHEN SINK				Kitchen Sink	Well	DEP	1/18/2009				
BURDICK CREEK (UPGRADIENT)				Burdick Creek	Surface Water	K&L	11/11/2010	<0.0331	2.76	0.003	<0.0002
BURDICK CREEK (DOWNGRADIENT)				Burdick Creek	Surface Water	K&L	11/11/2010	<0.0454	2.65	0.0133	<0.0002
POND (NW END)				NW End Pond	Surface Water	K&L	11/11/2010	0.271	1.54	0.0965	<0.0002
WELL 1					Well	CABOT	8/9/2011				
WELL 1					Well	CABOT	9/15/2011				

Notes:

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c - Recommended action level from the Office of Surface Mining Reclamation and Enforcement - Appalachian Regional Coordinating

Land Owner:

*Ex. 6 - Personal Privacy*

Water Supply Lat/Long:

41.7325/-75.87811

Water Supply Depth:

Treatment (Y/N):

N

Gas Well Operator:

Gas Well:

GESFORD K. 3V/9V

Distance:

700 FT

				Sample Location	Sample Meduim	Source	Sample Date	Nickel (mg/L)	Selenium (mg/L)	Sodium (mg/L)	Strontium (mg/L)
Primary Maximum Contaminant Levels		a							0.05		
Secondary Maximum Contaminant Levels		b									
Recommended Action Levels		c									
					Well	WSM (DEP)	12/16/2008	<0.050	<0.007	16.6	
					Well	CABOT	1/13/2009				0.9
KITCHEN SINK				Kitchen Sink	Well	DEP	1/18/2009				
BURDICK CREEK (UPGRADIENT)				Burdick Creek	Surface Water	K&L	11/11/2010	<0.001	<0.005	12.7	
BURDICK CREEK (DOWNGRADIENT)				Burdick Creek	Surface Water	K&L	11/11/2010	<0.001	<0.005	12.2	
POND (NW END)				NW End Pond	Surface Water	K&L	11/11/2010	<0.00054	<0.005	7.35	
WELL 1					Well	CABOT	8/9/2011				
WELL 1					Well	CABOT	9/15/2011				

Notes:

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c - Recommended action level from the Office of Surface Mining Reclamation and Enforcement - Appalachian Regional Coordinating

Land Owner:

*Ex. 6 - Personal Privacy*

Water Supply Lat/Long:

41.7325/-75.87811

Water Supply Depth:

Treatment (Y/N):

N

Gas Well Operator:

Gas Well:

GESFORD K. 3V/9V

Distance:

700 FT

				Sample Location	Sample Meduim	Source	Sample Date	Thallium (mg/L)	Zinc (mg/L)	Ethane (ug/L)	iso-Butane (ug/L)
Primary Maximum Contaminant Levels		a						0.002			
Secondary Maximum Contaminant Levels		b							5		
Recommended Action Levels		c									
					Well	WSM (DEP)	12/16/2008	<0.002	0.046		
					Well	CABOT	1/13/2009			1600	1.5
KITCHEN SINK				Kitchen Sink	Well	DEP	1/18/2009			2730 (Q)	
BURDICK CREEK (UPGRADIENT)				Burdick Creek	Surface Water	K&L	11/11/2010	<0.001	<0.0045		
BURDICK CREEK (DOWNGRADIENT)				Burdick Creek	Surface Water	K&L	11/11/2010	<0.000016	<0.0024		
POND (NW END)				NW End Pond	Surface Water	K&L	11/11/2010	<0.00003	0.0061		
WELL 1					Well	CABOT	8/9/2011			52.2	<5
WELL 1					Well	CABOT	9/15/2011			65.3	<5

Notes:

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c - Recommended action level from the Office of Surface Mining Reclamation and Enforcement - Appalachian Regional Coordinating



Land Owner:

*Ex. 6 - Personal Privacy*

Water Supply Lat/Long:

41.7325/-75.87811

Water Supply Depth:

Treatment (Y/N):

N

Gas Well Operator:

Gas Well:

GESFORD K. 3V/9V

Distance:

700 FT

				Sample Location	Sample Meduim	Source	Sample Date	Methane (ug/L)	n-Butane (ug/L)	Propane (ug/L)	Sample Sheet Comments
Primary Maximum Contaminant Levels		a									
Secondary Maximum Contaminant Levels		b									
Recommended Action Levels		c						28,000			
					Well	WSM (DEP)	12/16/2008				
					Well	CABOT	1/13/2009	24000	6.3	77	
KITCHEN SINK				Kitchen Sink	Well	DEP	1/18/2009	42700		126 (Q)	
BURDICK CREEK (UPGRADIENT)				Burdick Creek	Surface Water	K&L	11/11/2010				
BURDICK CREEK (DOWNGRADIENT)				Burdick Creek	Surface Water	K&L	11/11/2010				
POND (NW END)				NW End Pond	Surface Water	K&L	11/11/2010				
WELL 1					Well	CABOT	8/9/2011	18400	<5	<5	
WELL 1					Well	CABOT	9/15/2011	8540	<5	<5	

Notes:

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c - Recommended action level from the Office of Surface Mining Reclamation and Enforcement - Appalachian Regional Coordinating

Land Owner:

*Ex. 6 - Personal Privacy*

Water Supply Lat/Long:

41.732198/-75.878097

Water Supply Depth:

Treatment (Y/N):

N

Gas Well Operator:

Gas Well:

GESFORD K. 3V/9V

Distance:

700 FT

				Sample Location	Sample Unique	Sample Date	pH (pH units)			below	Secondary MCL
					WSM (DEP)	12/16/2008	8.1		6.5		2
					CABOT	1/13/2009	8.45		6.5		2

Notes:

a - Maximum Contaminant Levels per E.P.A.'s National Primary Drinking Water Regulations. Safe Drinking Water Act (42 USC Chapter 6A Section 300f)

b - E.P.A. National Secondary Drinking Water Regulations are non-enforceable guidelines regarding contaminants that may cause cosmetic effects or aesthetic effects in drinking water.

c - Recommended action level from the Office of Surface Mining Reclamation and Enforcement - Appalachian Regional Coordinating Center, Pittsburgh, PA (September 2001)

5/1/20088.5

10/30/20118.5

Land Owner:

*Ex. 6 - Personal Privacy*

Water Supply Lat/Long:

41.732198/-75.878097

Water Supply Depth:

Treatment (Y/N):

N

Gas Well Operator:

Gas Well:

GESFORD K. 3V/9V

Distance:

700 FT

				Sample Location	Sample Unique	Sample Date	Above
					WSM (DEP)	12/16/2008	1
					CABOT	1/13/2009	1

Notes:

a - Maximum Contaminant Levels per E.P.A.'s National Primary Drinking Water Regulations. Safe Drinking Water Act (42 USC Chapter 6A § 3001)

b - E.P.A. National Secondary Drinking Water Regulations are non-enforceable guidelines regarding contaminants that may cause cosmetic or aesthetic effects in drinking water.

c - Recommended action level from the Office of Surface Mining Reclamation and Enforcement - Appalachian Regional Coordinating Center

5/1/2008

10/30/2011

Land Owner:

*Ex. 6 - Personal Privacy*

Water Supply Lat/Long:

41.732198/-75.878097

Water Supply Depth:

Treatment (Y/N):

N

Gas Well Operator:

Gas Well:

GESFORD K. 3V/9V

Distance:

700 FT

			Sample Location	Sample Unique	Sample Date	Aluminum	Secondary MCL
				CABOT	1/13/2009	<0.1	0.2
BURDICK CREEK (UPGRADIENT)			BURDICK CREEK (UPGRADIENT)	K&L	11/11/2010	<0.0247	0.2
BURDICK CREEK (DOWNGRADIENT)			BURDICK CREEK (DOWNGRADIENT)	K&L	11/11/2010	<0.0282	0.2
POND (NW END)			POND (NW END)	K&L	11/11/2010	0.171	0.2

Notes:

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5/1/2008  
10/30/2011

Land Owner:

*Ex. 6 - Personal Privacy*

Water Supply Lat/Long:

41.732198/-75.878097

Water Supply Depth:

Treatment (Y/N):

N

Gas Well Operator:

Gas Well:

GESFORD K. 3V/9V

Distance:

700 FT

				Sample Location	Sample Unique	Sample Date	Methane (ug/L)	Recommended Action Level (OSM)
					CABOT	1/13/2009	24000	28000
KITCHEN SINK				KITCHEN SINK	DEP	1/18/2009	42700	28000
WELL 1				WELL 1	ACTS	8/9/2011	18400	28000
WELL1				WELL1	ACTS	8/15/2011	8540	28000

Notes:

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5/1/2008

10/30/2011

Land Owner:

*Ex. 6 - Personal Privacy*

Water Supply Lat/Long:

41.732198/-75.878097

Water Supply Depth:

Treatment (Y/N):

N

Gas Well Operator:

Gas Well:

GESFORD K. 3V/9V

Distance:

700 FT

				Sample Location	Sample Unique	Sample Date	Action Level (COSA)
					CABOT	1/13/2009	7000
KITCHEN SINK				KITCHEN SINK	DEP	1/18/2009	7000
WELL 1				WELL 1	ACTS	8/9/2011	7000
WELL1				WELL1	ACTS	8/15/2011	7000

Notes:

a - Maximum Contaminant Levels per E.P.A.'s National Primary Drinking Water Regulations. Safe Drinking Water Act (42 USC Chapter 6A S

b - E.P.A. National Secondary Drinking Water Regulations are non-enforceable guidelines regarding contaminants that may cause cosmetic

c - Recommended action level from the Office of Surface Mining Reclamation and Enforcement - Appalachian Regional Coordinating Cente

5/1/2008  
10/30/2011

Land Owner:

*Ex. 6 - Personal Privacy*

Water Supply Lat/Long:

41.732198/-75.878097

Water Supply Depth:

Treatment (Y/N):

N

Gas Well Operator:

Gas Well:

GESFORD K. 3V/9V

Distance

700 FT

				Sample Location	Sample Unique	Sample Date	Iron (mg/L)	Secondary MCL
					WSM (DEP)	12/16/2008	0.772	0.3
					CABOT	1/13/2009	4.02	0.3
Notes:						1/13/2009	4	

- a - Maximum Contaminant Levels per E.P.A.'s National Primary Drinking Water Regulations. Safe Drinking Water Act (42 USC Chapter 6A Section 300f)
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- c - Recommended action level from the Office of Surface Mining Reclamation and Enforcement - Appalachian Regional Coordinating Center, Pittsburgh, PA (September 2001)

5/1/2008

10/30/2011

Land Owner:

*Ex. 6 - Personal Privacy*

Water Supply Lat/Long:

41.732198/-75.878097

Water Supply Depth:

Treatment (Y/N):

N

Gas Well Operator:

Gas Well:

GESFORD K. 3V/9V

Distance:

700 FT

				Sample Location	Sample Unique	Sample Date	Manganese (mg/L)	Secondary MCL
					WSM (DEP)	12/16/2008	0.018	0.05
					CABOT	1/13/2009	0.035	0.05

Notes:

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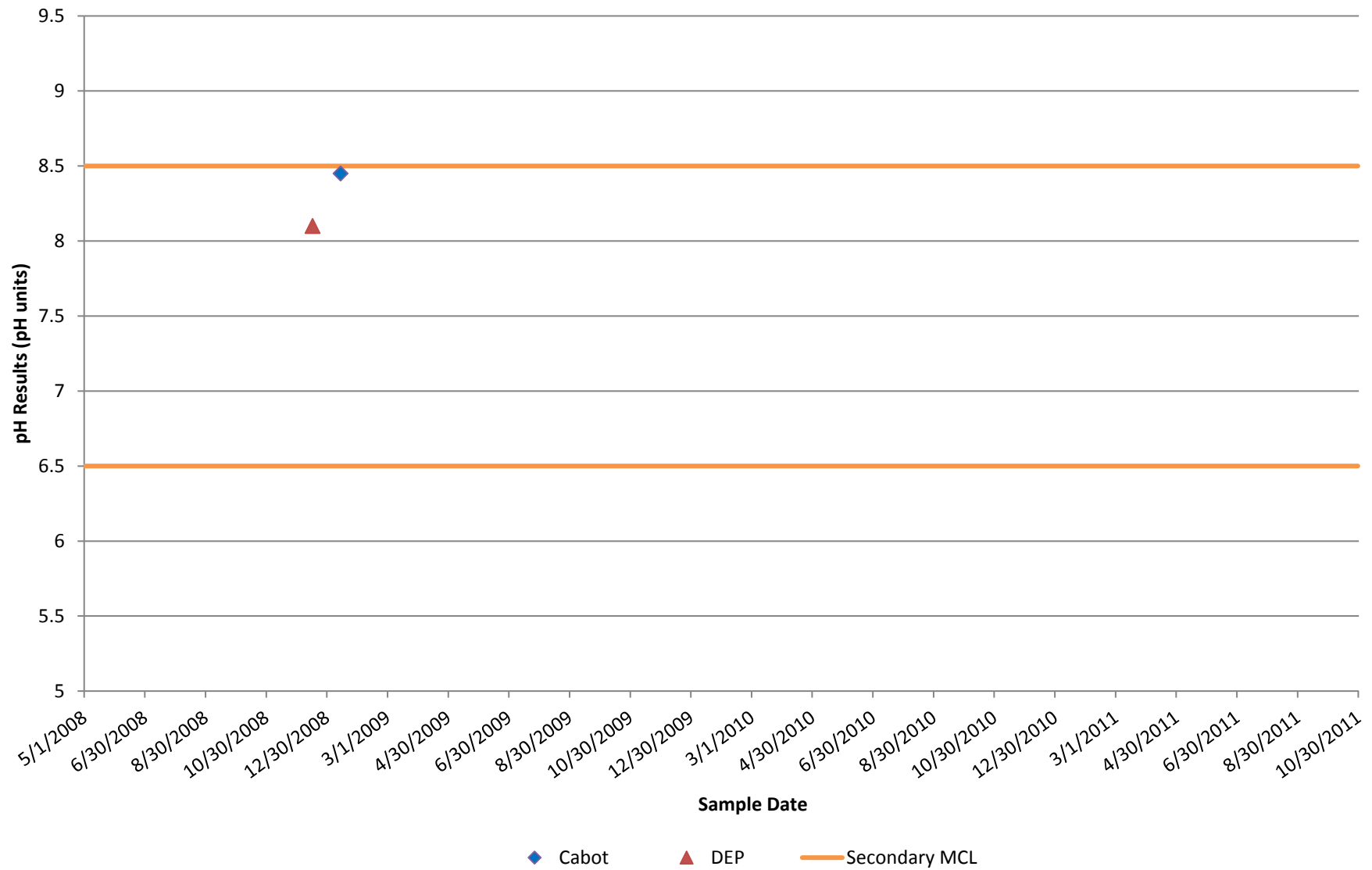
c - Recommended action level from the Office of Surface Mining Reclamation and Enforcement - Appalachian Regional Coordinating Center, Pittsburgh, PA (September 2001)

5/1/2008

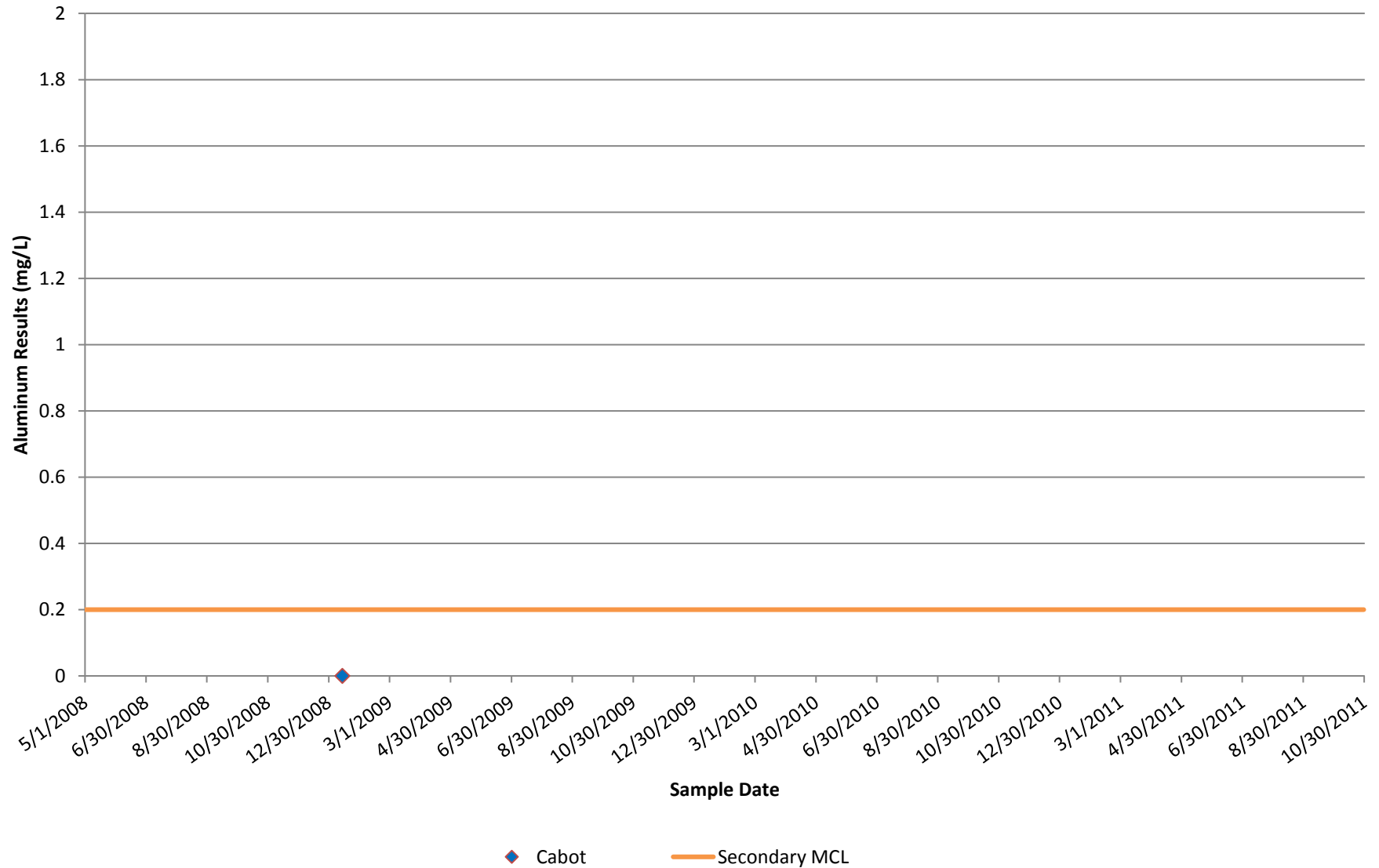
10/30/2011



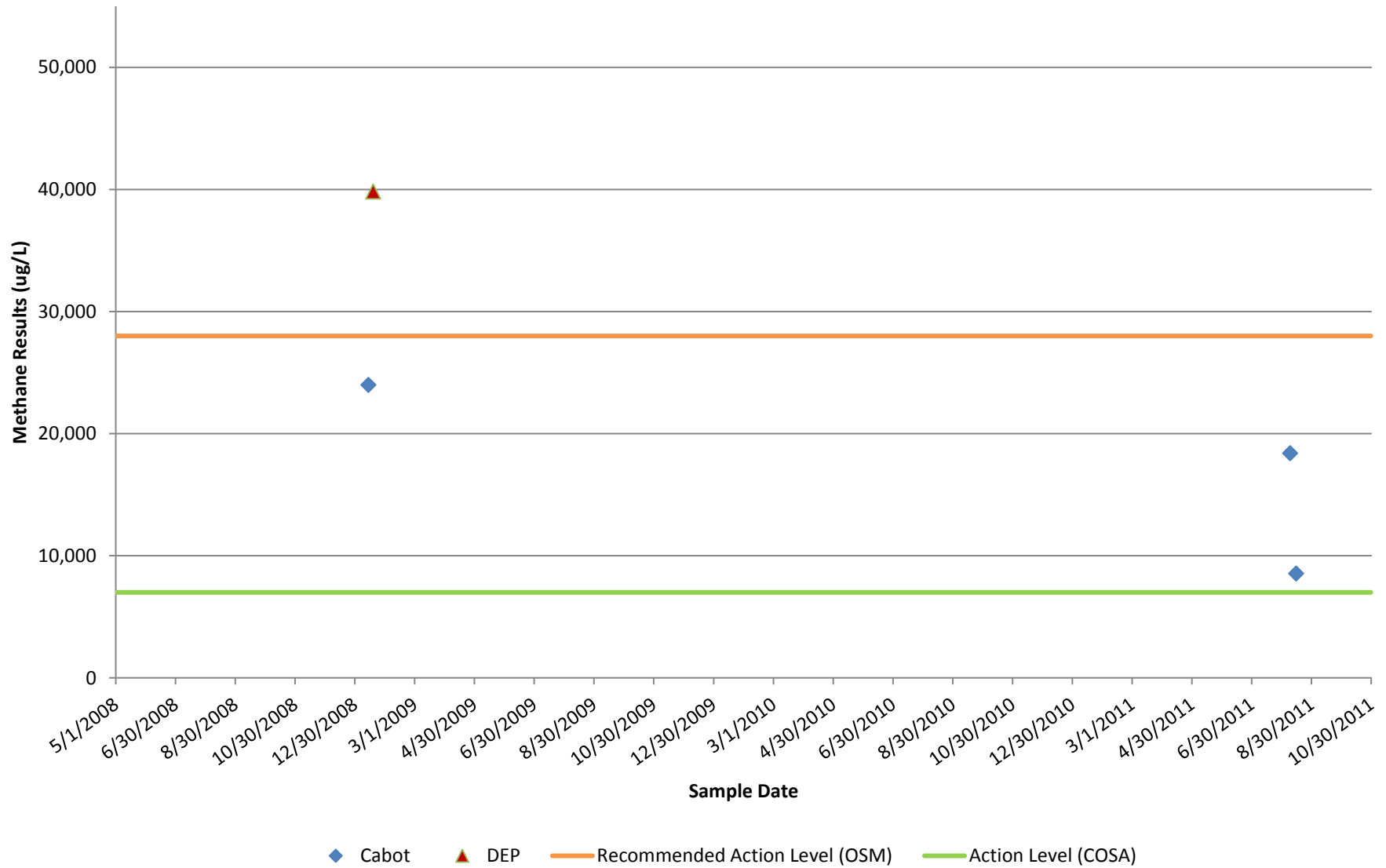
**Ex. 6 - Personal Privacy**  
**pH Sample Results**



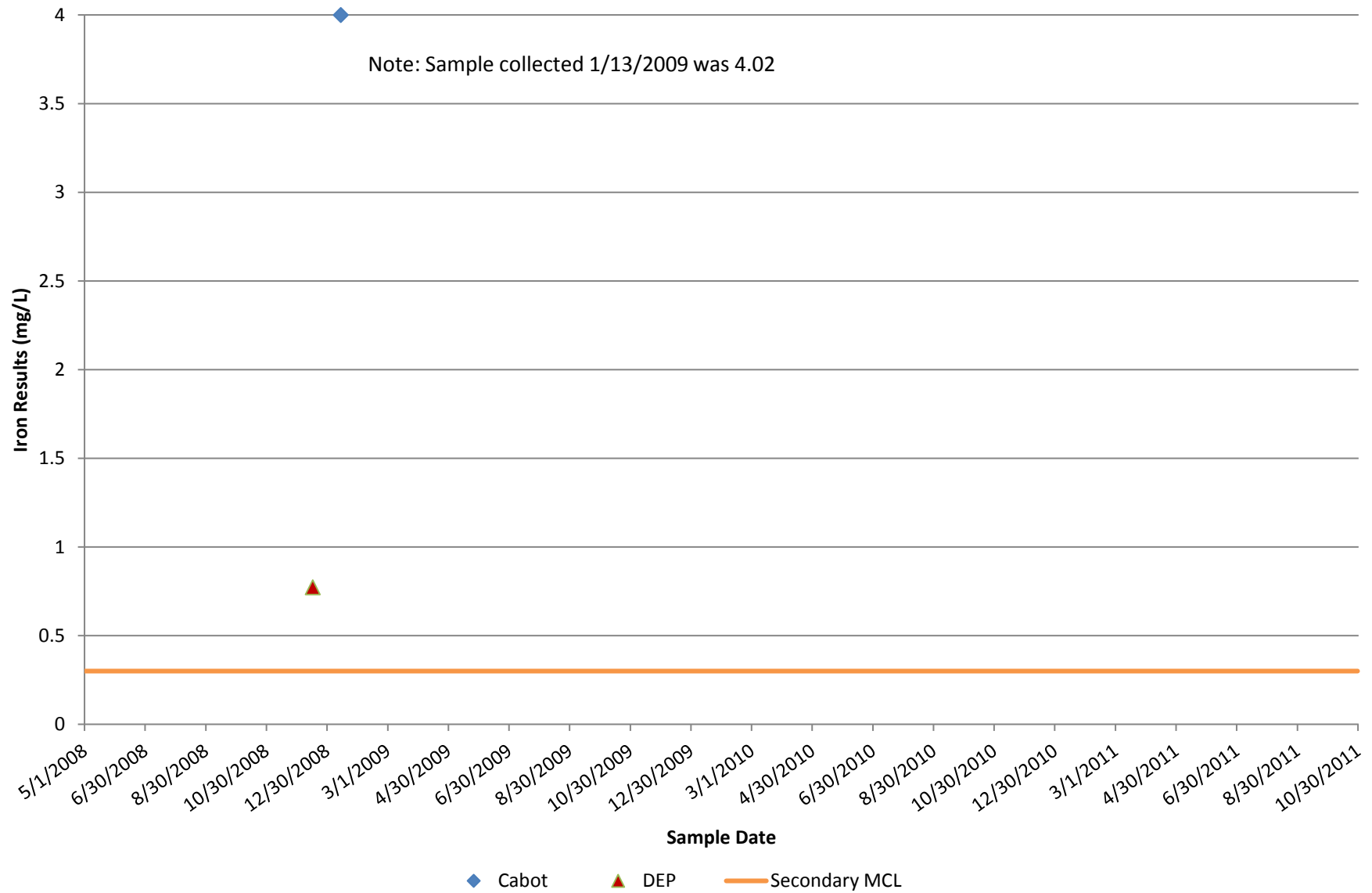
**Ex. 6 - Personal Privacy**  
**Aluminum Sample Results**



**Ex. 6 - Personal Privacy**  
**Methane Sample Results**



## Ex. 6 - Personal Privacy Iron Sample Results



**Ex. 6 - Personal Privacy**  
**Manganese Sample Results**

